12-27-04

Appln: No.: 09/501,182

mdt./Response submitted Dec. 23, 2004

plying to Office Action dated July 23, 2004

PATENT Customer No. 22,852

Attorney Docket No. 7095.0010-01

Sony Ref. No.: 50M2327.01

DEC 2 3 2004

"Express Mail Post Office to Addressee" service under 37 CFR missioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 23, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Group Art Unit: 2613 CHANG, Ching-Fang et al. Examiner: PARSONS, Charles E. Application No.: 09/501,182 Filed: February 10, 2000

For: MOTION ESTIMATION PROCESS AND

SYSTEM USING SPARSE SEARCH BLOCK-MATCHING AND INTEGRAL PROJECTION

Confirmation No.: 3511

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

AMENDMENT AND RESPONSE TO OFFICE ACTION

In response to the Office Action mailed on July 23, 2004, the period for response having been extended for two (2) months by the accompanying Petition for Extension of Time and authorization to charge the requisite fee, please amend the above-identified application as set forth below and consider the following remarks.

Amendments to the Specification begin on page 2 of this paper:

Amendments to the Claims are reflected in the listing of claims that begin on page 3 of this paper.

Amendments to the Drawings are included in the attached replacement drawing sheet. The amendments are also discussed in this paper.

Remarks/Arguments begin on page 6 of this paper.

Attachments to this amendment include a replacement Figure 12, as well as an annotated sheet showing changes made.